

DEPARTMENT OF THE ARMY  
Omaha District, Corps of Engineers  
106 South 15th Street  
Omaha, Nebraska 68102-1618

:NOTICE: Failure to acknowledge :	Solicitation No. W9128F 04 R 0024
:all amendments may cause rejec- :	
:tion of the offer. See FAR :	Date of Issue: 08 JUN 2004
:52.215-1 of Section 00100 :	<b>Date of Receiving Proposals:</b>
	<b>13 JUL 2004</b>

Amendment No. 0004  
08 July 2004

SUBJECT: Amendment No. 0004 to specifications and drawings for Construction of  
B-1B WEAPONS SYSTEMS TRAINER, FXBM 02-3002, ELLSWORTH AFB, SOUTH  
DAKOTA.  
Solicitation No. W9128F 04 R 0024.

TO: Prospective Offerors and Others Concerned

1. The specifications and drawings for subject project are hereby modified as follows (revise all specification indices, attachment lists, and drawing indices accordingly).

a. Specifications. (Descriptive Changes.)

(1) Section 05500A, Page 5, delete paragraph 2.1.3 in its entirety.

(2) Section 15895, paragraph 2.10.2.18 "Electrical" added by amendment No. 0002, delete the last sentence reading "The Manufacturer shall provide ... door type disconnect." and substitute:

"The manufacture shall provide VFD's to be installed by Division 16."

(3) Section 15951A, Page 48, paragraph 2.15.10.3 "Scheduled Start / Stop Program", line 4, after "consecutive start commands.", insert:

"The Contractor shall reference HVAC Control drawing sheets for input and output requirements.";

Also, delete subparagraphs "a. Program Inputs" and "b. Program Outputs" in their entirety.

(4) Section 15951A, Pages 48 and 49, paragraph 2.15.10.4 "Optimum Start / Stop Program", line 10, after "adjust the constants used the program.", insert:

"The Contractor shall reference HVAC Control drawing sheets for input and output requirements.";

Also, delete subparagraphs "a. Program Inputs" and "b. Program Outputs" in their entirety.

(5) Section 15951A, Page 49, paragraph 2.15.10.5 "Day-Night Setback Program", line 5, after "assigned temperature limit.", insert:

"The Contractor shall reference HVAC Control drawing sheets for input and output requirements.";

Also, delete subparagraphs "a. Program Inputs" and "b. Program Outputs" in their entirety.

(6) Section 15951A, Page 49, paragraph 2.15.10.6 "Economizer Program I", line 8, after "required mixed air temperature.", insert:

"The Contractor shall reference HVAC Control drawing sheets for input and output requirements.";

Also, delete subparagraphs "a. Program Inputs" and "b. Program Outputs" in their entirety.

(7) Section 15951A, Pages 49 and 50, paragraph 2.15.10.7 "Ventilation / Recirculation and Flush Programs".

(a) Paragraph title, delete "and Flush Programs".

(b) Line 1, at the beginning of the paragraph, insert:

"The Contractor shall reference HVAC Control drawing sheets for input and output requirements."

(c) Line 2, delete "and provide for flushing of the building".

(d) Delete subparagraphs "c. Flush Mode", "d. Program Inputs" and "e. Program Outputs" in their entirety.

(8) Section 15951A, Pages 50 and 51, delete Paragraph 2.15.10.8 "Hot Deck / Cold Deck Temperature Reset Program" in its entirety.

(9) Section 15951A, Page 51, paragraph 2.15.10.9 "Reheat Coil Reset Program", line 4, after "cannot be met.", insert:

"The Contractor shall reference HVAC Control drawing sheets for input and output requirements.";

Also, delete subparagraphs "a. Program Inputs" and "b. Program Outputs" in their entirety.

(10) Section 15951A, Page 51, paragraph 2.15.10.10 "Heating and Ventilation Unit Program", lines 4 and 5, after "fan control.", insert:

"The Contractor shall reference HVAC Control drawing sheets for input and output requirements.";

Also, delete subparagraphs "a. Program Inputs" and "b. Program Outputs" in their entirety.

(11) Section 15951A, Page 52, paragraph 2.15.10.11 "Air Volume Control Program", line 2 from top of page, after "for fan control.", insert:

"The Contractor shall reference HVAC Control drawing sheets for input and output requirements.";

Also, delete subparagraphs "a. Program Inputs" and "b. Program Outputs" in their entirety.

(12) Section 15951A, Page 52, paragraph 2.15.10.12 "Air Distribution Unitary Controller Software", line 6, after "or group basis.", insert:

"The Contractor shall reference HVAC Control drawing sheets for input and output requirements.";

Also, delete subparagraphs "a. Functions", "b. Program Inputs" and "c. Program Outputs" in their entirety.

(13) Section 15951A, Page 53, paragraph 2.15.10.13 "Chiller Selection Program", line 4 from top of page, after "chiller manufacturer's requirements.", insert:

"The Contractor shall reference HVAC Control drawing sheets for input and output requirements.";

Also, delete subparagraphs "a. Program Inputs" and "b. Program Outputs" in their entirety.

(14) Section 15951A, Page 53 thru 55, delete paragraph 2.15.10.14, 2.15.10.15, 2.15.10.16 and 2.15.10.17 in their entirety.

(15) Section 15951A, Page 55, paragraph 2.15.10.18 "Hot Water OA Reset Program", line 5, after "independent variable.", insert:

"The Contractor shall reference HVAC Control drawing sheets for input and output requirements.";

Also, delete subparagraphs "a. Program Inputs" and "b. Program Outputs" in their entirety.

(16) Section 15951A, Pages 55 and 56, paragraph 2.15.10.19 "Boiler Monitoring and Control", line 6, after "boiler operation.", insert:

"The Contractor shall reference HVAC Control drawing sheets for input and output requirements.";

Also, delete subparagraphs "a. Program Inputs" and "b. Program Outputs" in their entirety.

(17) Section 15951A, Pages 56 and 57, delete paragraphs 2.15.10.20, 2.15.10.21, 2.15.10.22, and 2.15.10.23 in their entirety.

b. Specifications (New and/or Revised and Reissued). Delete and substitute or add specification pages or sections as noted below. The substituted pages or sections are revised and reissued with this amendment.

None.

c. Drawings (Not Reissued). The following sheets of drawing code AF 171-10-01 are revised as indicated below with latest revision date of 8 July 2004. These drawings are not reissued with this amendment.

(1) Sheet F2.01, HYRAULIC NOTES, note 2, last 3 lines of note referencing requirements of Pump Rooms for the deluge system, delete "Hazard Group II Occupancy" and substitute: "Extra Hazard Group I".

(2) Sheet F2.02, HYRAULIC NOTES, note 2, last 3 lines of note referencing requirements of Pump Rooms for the deluge system, delete "Hazard Group II Occupancy" and substitute: "Extra Hazard Group I".

(3) Sheet E2.01, GENERAL NOTES, following note E, add:

"F. PROVIDE PVC COATED RIGID STEEL CONDUIT FOR UNDER SLAB CONDUITS."

(4) Sheet E3.01, GENERAL NOTES, following note A, add:

"B. PROVIDE PVC COATED RIGID STEEL CONDUIT FOR UNDER SLAB CONDUITS."

(5) Sheet E4.01, GENERAL NOTES, following note E, add:

"F. PROVIDE PVC COATED RIGID STEEL CONDUIT FOR UNDER SLAB CONDUITS."

(6) Sheet E6.01.

(a) ONE-LINE DIAGRAM, show and identify the following electrical requirements:

Provide 1 1/4" C W/ 4#3 AWG and 1#8 G from panelboard L11 (circuits 44,46,48) 100A/3P circuit breaker to feed L14.

(b) GENERAL NOTES, following note A, add:

"B. PROVIDE PVC COATED RIGID STEEL CONDUIT FOR UNDER SLAB CONDUITS."

(7) Sheet E8.01, LUMINAIRE SCHEDULE, delete fixture type A2 in its entirety.

(8) Sheet EU.03, GENERAL NOTES, following note A, add:

"B. THE APPROXIMATE DISTANCE FROM BUILDING 7918 TO THE WEAPONS SYSTEMS TRAINER BUILDING IS 3600 FEET. CONTRACTOR TO VERIFY.

C. THE APPROXIMATE DISTANCE FROM MANHOLE MH480DB TO THE WEAPONS SYSTEMS TRAINER BUILDING IS 1800 FEET. CONTRACTOR TO VERIFY."

(9) Sheet ED.02, 15 KV ELECTRICAL ROUTING, ONE-LINE DIAGRAM, near drawing coordinate D-3, note reading "PROVIDE 4P DUCTBANK", delete "4P" and substitute "2P".

2. This amendment is a part of the proposing papers and its receipt shall be acknowledged on the Standard Form 1442. All other conditions and requirements of the specifications remain unchanged. If the proposals have been mailed prior to receiving this amendment, you will notify the office where proposals are received, in the specified manner, immediately of its receipt and of any changes in your proposal occasioned thereby.

a. Hand-Carried Proposals shall be delivered to the U.S. Army Corps of Engineers, Omaha District, Contracting Division (Room 301), 106 South 15th Street, Omaha, Nebraska 68102-1618.

b. Mailed Proposals shall be addressed as noted in Item 8 on Page 00010-1 of Standard Form 1442.

3. Offers will be received until 2:00 p.m., local time at place of receiving proposals, 13 JUL 2004.

U.S. Army Engineer District, Omaha  
Corps of Engineers  
106 South 15th Street  
Omaha, Nebraska 68102-1618

8 July 2004  
DRL/4547